

Title (en)

COMPOUNDS FOR INHIBITING FUCOSYLATION AND METHODS FOR USING THE SAME

Title (de)

VERBINDUNGEN ZUR HEMMUNG DER FUCOSYLIERUNG UND VERFAHREN ZU DEREN VERWENDUNG

Title (fr)

COMPOSÉS D'INHIBITION DE LA FUCOSYLATION ET LEURS PROCÉDÉS D'UTILISATION

Publication

EP 3941480 A4 20230426 (EN)

Application

EP 20772814 A 20200316

Priority

- US 201962819724 P 20190318
- US 2020022896 W 20200316

Abstract (en)

[origin: WO2020190834A1] The disclosure generally provides for compounds for inhibiting fucosylation and methods for using the same and methods of producing antibodies with reduced fucosylation.

IPC 8 full level

A61K 31/7024 (2006.01); **A61K 31/7048** (2006.01); **C07K 16/00** (2006.01); **C07K 16/24** (2006.01)

CPC (source: EP KR US)

A61K 31/055 (2013.01 - EP KR); **A61K 31/11** (2013.01 - EP KR); **A61K 31/122** (2013.01 - EP KR); **A61K 31/136** (2013.01 - EP KR); **A61K 31/185** (2013.01 - EP KR); **A61K 31/352** (2013.01 - KR); **A61K 31/353** (2013.01 - EP KR US); **A61K 31/382** (2013.01 - EP KR); **A61K 31/473** (2013.01 - EP KR); **A61K 31/555** (2013.01 - EP KR); **A61K 31/65** (2013.01 - EP KR); **A61K 31/7024** (2013.01 - EP KR); **A61K 33/243** (2019.01 - EP KR); **A61K 45/06** (2013.01 - US); **C07K 16/00** (2013.01 - EP); **C07K 16/244** (2013.01 - EP KR); **C12N 5/0018** (2013.01 - KR); **C07K 2317/14** (2013.01 - EP KR); **C07K 2317/41** (2013.01 - EP KR)

Citation (search report)

- [A] WO 2016069919 A1 20160506 - SEATTLE GENETICS INC [US]
- [A] CORY D RILLAHAHAN ET AL: "Global metabolic inhibitors of sialyl- and fucosyltransferases remodel the glycome", NATURE CHEMICAL BIOLOGY, vol. 8, no. 7, 1 January 2012 (2012-01-01), New York, pages 661 - 668, XP055059726, ISSN: 1552-4450, DOI: 10.1038/nchembio.999
- [X] KUZUHARA TAKASHI ET AL: "Generation of Mouse Monoclonal Antibody against (-)-Epigallocatechin Gallate", BIOLOGICAL & PHARMACEUTICAL BULLETIN, vol. 31, no. 5, 1 January 2008 (2008-01-01), JP, pages 816 - 819, XP093007344, ISSN: 0918-6158, DOI: 10.1248/bpb.31.816
- [XI] JIELIANG LI ET AL: "(-)-Epigallocatechin gallate inhibits endotoxin-induced expression of inflammatory cytokines in human cerebral microvascular endothelial c", JOURNAL OF NEUROINFLAMMATION, BIOMED CENTRAL LTD., LONDON, GB, vol. 9, no. 1, 6 July 2012 (2012-07-06), pages 161, XP021133251, ISSN: 1742-2094, DOI: 10.1186/1742-2094-9-161
- See also references of WO 2020190834A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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DOCDB simple family (application)

US 2020022896 W 20200316; CN 202080025344 A 20200316; EP 20772814 A 20200316; JP 2022504030 A 20200316; KR 20217030863 A 20200316; US 202017440447 A 20200316